"SYSTEMS AND METHODS FOR MONITORING RESOURCE
UTILIZATION AND APPLICATION PERFORMANCE"
Inventor - Francisco Romero
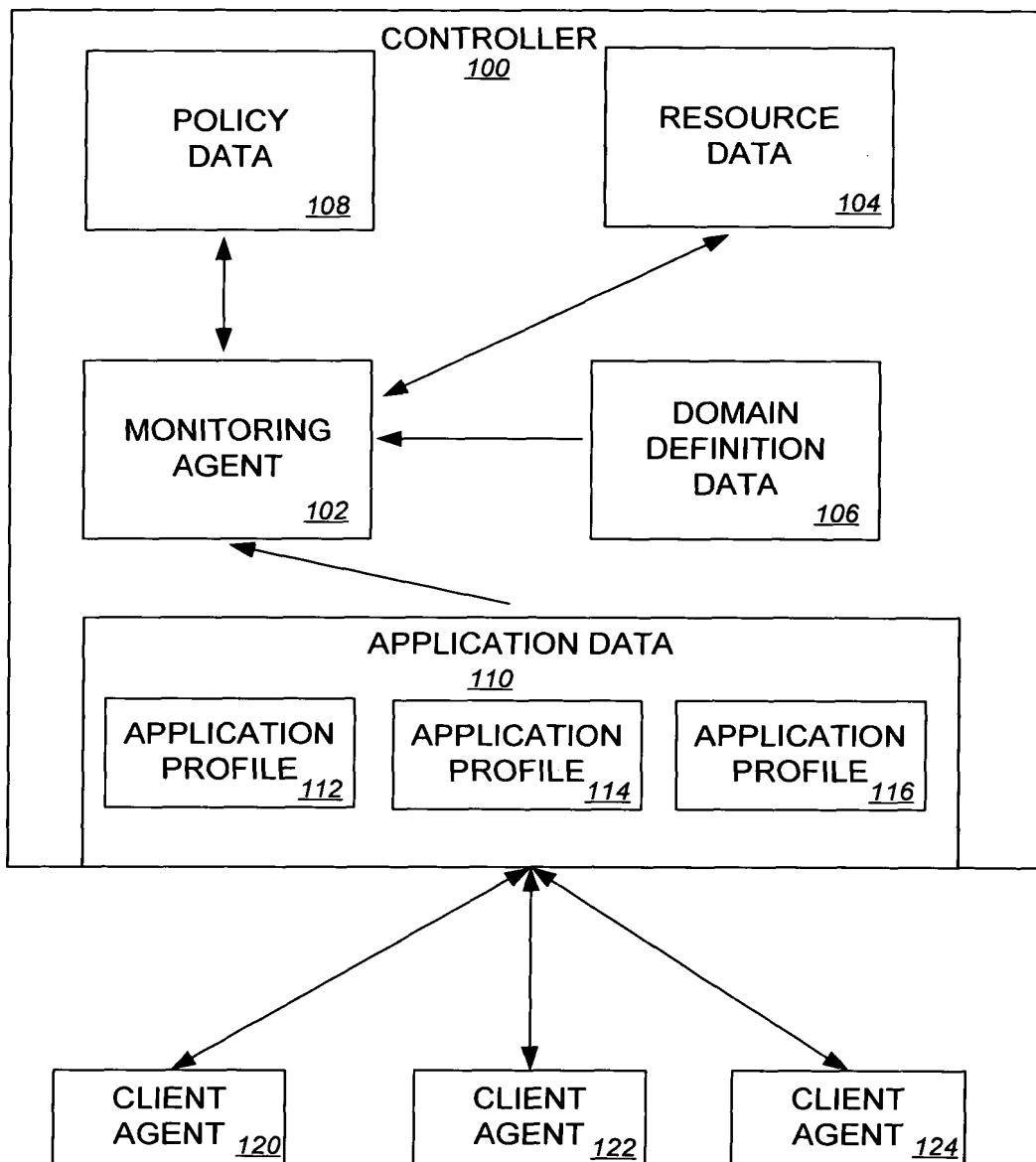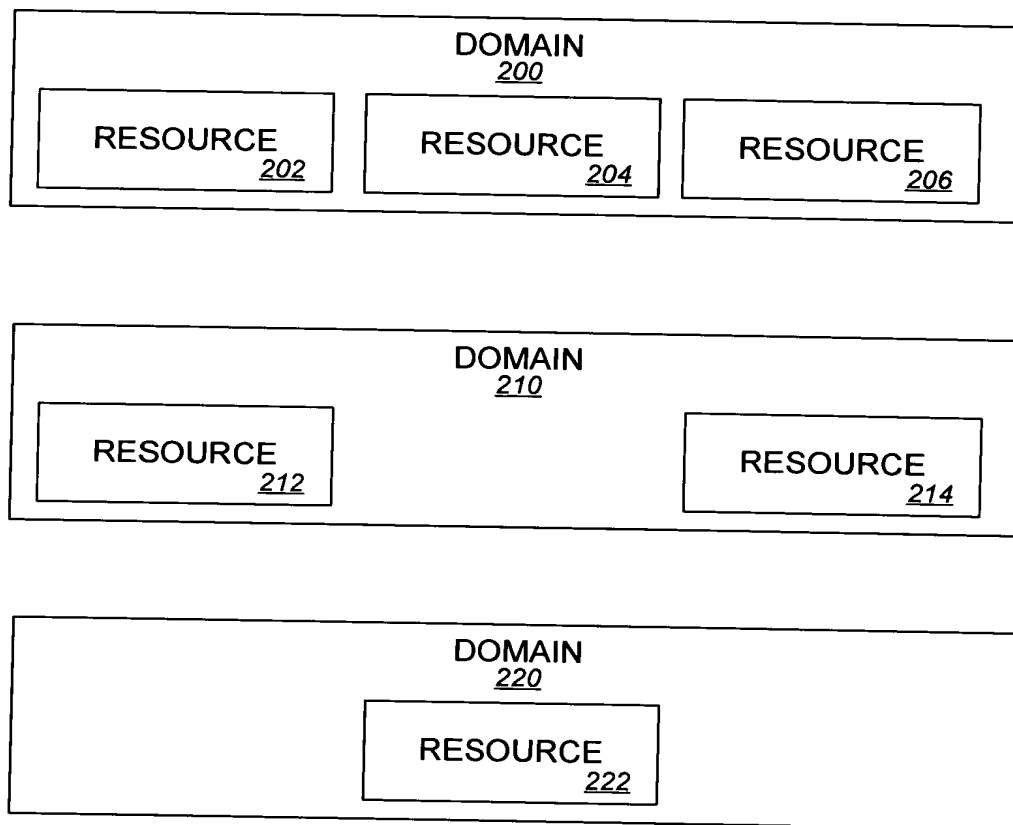Docket No. - 200207858-1

EV 175421340 US

1/6

FIG. 1

"SYSTEMS AND METHODS FOR MONITORING RESOURCE
UTILIZATION AND APPLICATION PERFORMANCE"
Inventor - Francisco Romero
Docket No. - 200207858-1

2/6

DOMAIN
200

RESOURCE
202

RESOURCE
204

RESOURCE
206

DOMAIN
210

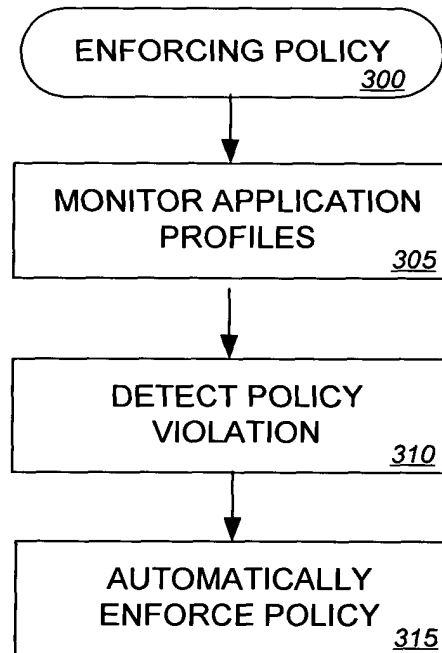RESOURCE
212

RESOURCE
214

DOMAIN
220

RESOURCE
222

FIG. 2

"SYSTEMS AND METHODS FOR MONITORING RESOURCE
UTILIZATION AND APPLICATION PERFORMANCE"
Inventor - Francisco Romero
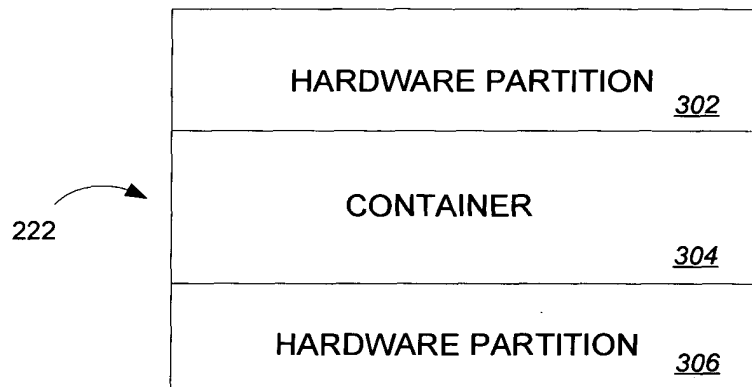Docket No. - 200207858-1

3/6

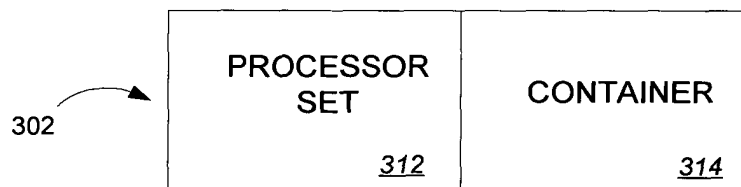ENFORCING POLICY
300

MONITOR APPLICATION
PROFILES
305

DETECT POLICY
VIOLATION
310

AUTOMATICALLY
ENFORCE POLICY
315

FIG. 3

4/6

| HARDWARE PARTITION _302_ |
| CONTAINER _304_ |
| HARDWARE PARTITION _306_ |

222

FIG. 4A

| PROCESSOR SET _312_ | CONTAINER _314_ |

302

FIG. 4B

| SOFTWARE-BASED PARTITION _322_ | CONTAINER _324_ |

306

FIG. 4C

| CONTAINER _332_ | CONTAINER _334_ | SUB-CPU RESOURCE PARTITION _336_ |

322

FIG. 4D

5/6

ENFORCE POLICY
315A

EXPAND CONTAINER
505

FIG. 5

ENFORCE POLICY
315B

TRANSFER NODE
605

FIG. 6

"SYSTEMS AND METHODS FOR MONITORING RESOURCE
UTILIZATION AND APPLICATION PERFORMANCE"
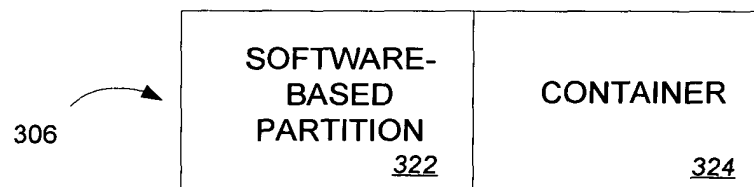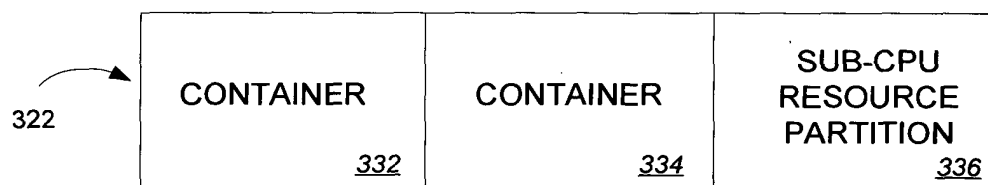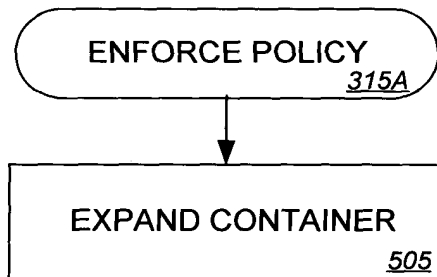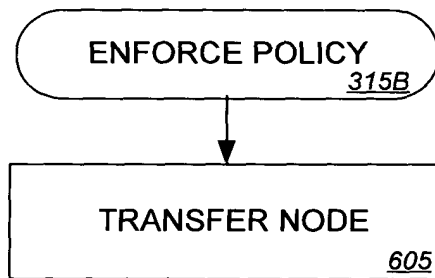Inventor - Francisco Romero
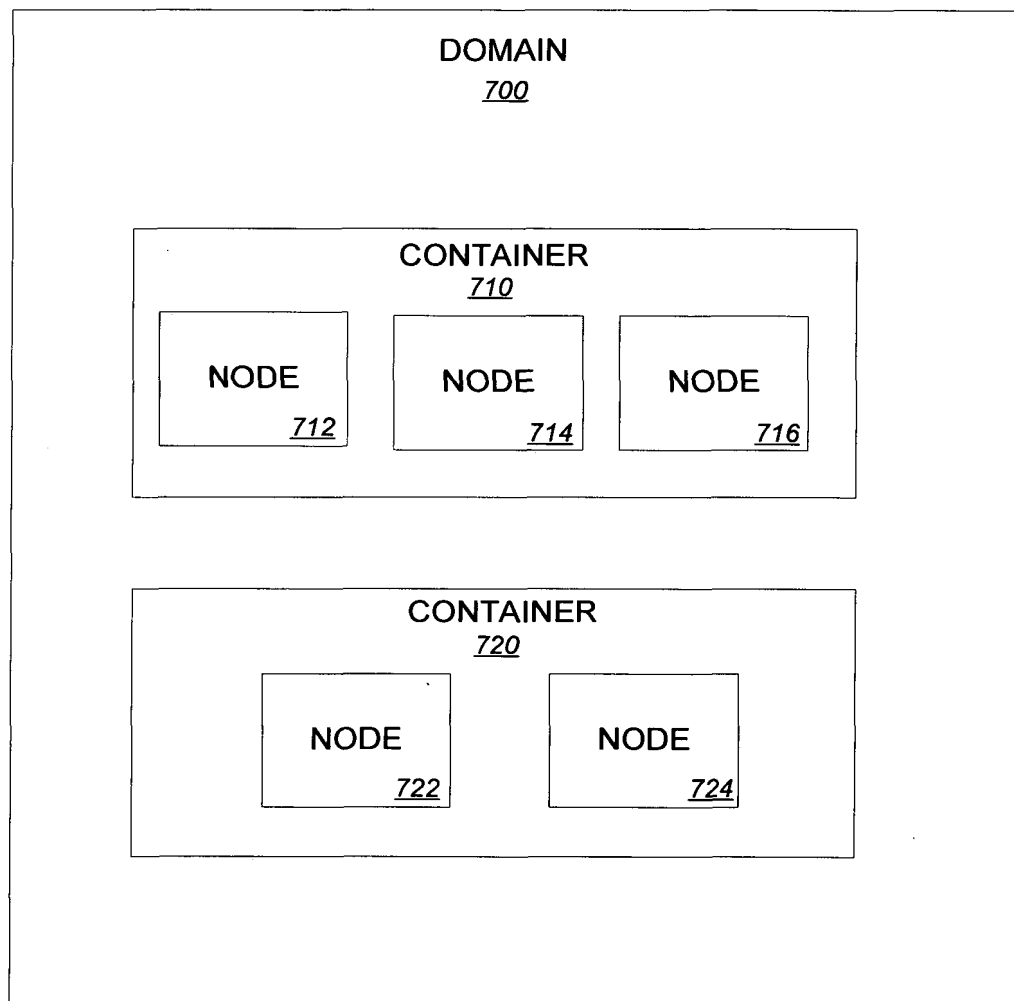Docket No. - 200207858-1

6/6

DOMAIN
_700_

CONTAINER
_710_

NODE	NODE	NODE
_712_	_714_	_716_

CONTAINER
_720_

NODE	NODE
_722_	_724_

FIG. 7